



Response under 37 CFR 1.116

Expedited procedure

PTO/SB/21 (02-04)

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Examiner Group 1635

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

09/532,001

Filing Date

03/21/2000

First Named Inventor

Thomas J. Goodwin

Art Unit

1635

Examiner Name

K. A. Lacourciere

Attorney Docket Number

MSC-22859-2-CU

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ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): <input type="checkbox"/> Return Postcard Receipt
Remarks Amendment After Final Action (37 C.F.R Section 1.116)		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	NASA Johnson Space Center James M. Cate
Signature	
Date	

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	6-18-2004	

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AF IFL
1635



National
Aeronautics and
Space
Administration

**Response under 37 CFR 1.116
Expedited procedure
Examining Group 1635**

Patent Application
MSC-22859-2-CU
(NASA Case No.)

Letter Transmitting Patent Amendment

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

Transmitted herewith is an amendment as identified below:

Certificate of Mailing

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James M. Cate
James M. Cate

Serial No.: 09/532,001 Confirmation No.: 7201 Filed: 03/21/2000
Examiner: K. A. Lacourciere Group Art Unit: 1635
Entitled: Production Of Functional Proteins: Balance Of Shear Stress And Gravity

The fee has been calculated as shown below:

CLAIMS AS AMENDED					
FOR (1)	CLAIMS REMAINING AFTER AMENDMENT (2)	HIGHEST NUMBER PREVIOUSLY PAID FOR (3)	PRESENT EXTRA (4)	RATE (5)	ADDITIONAL FEE (6)
TOTAL CLAIMS -----	* 17	** 17	= * 0	x \$18.00 =	\$0.00
INDEPENDENT CLAIMS -----	* 5	*** 5	= * 0	x \$86.00 =	\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

*If the entry in column (2) is less than the entry in column (3), enter "0" in column (4).

**If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20 in this space.

***Minimum number here is 3, even though a lesser number appeared in the application as filed.

No additional fee is required.

Please charge our Deposit Account No. 14-0116 shown as "TOTAL ADDITIONAL FEE," above. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

June 18, 2004

(Date)

James M. Cate, Esq.

(Attorney of Record) (Reg. No.)

NOTE: This form is to be used when filing an amendment to a patent application.



Response under 37 CFR 1.116
Expedited procedure
Examining Group 1635

MSC 22859-2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Thomas J. Goodwin et al. § Art Unit: 1635
Application No.: 09/532,001 § Examiner: K. A. Lacourciere
Filed: March 21, 2000 § Confirmation# 7201
For: PRODUCTION OF FUNCTIONAL PROTEINS: §
BALANCE OF SHEAR STRESS AND GRAVITY §

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6-18-2004

James M. Cate

James M. Cate

AMENDMENT AFTER FINAL ACTION (37 C.F.R. SECTION 1.116)

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated March 24, 2004, finally rejecting claims 1-3, 5-10, 27, 28, 31-35, and 37, please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 6 of this paper.